

INTERNATIONAL SEARCH REPORT

Patent application No
PCT/IB 03/05131A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04S1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04S G08B G09B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 5 987 142 A (COURNEAU MAITE ET AL) 16 November 1999 (1999-11-16) column 1, line 17 -column 1, line 52 column 2, line 13 -column 4, line 63 claim 1; figures 1,2 ---- | 1-11 |
| A | DE 861 305 C (ATLAS WERKE AG) 13 May 1954 (1954-05-13) page 2, left-hand column, line 6 -page 2, right-hand column, line 84 claims 1-4; figure 1 ---- | 1-11 |
| A | US 6 173 061 B1 (KISSEL TIMO ET AL) 9 January 2001 (2001-01-09) column 3, line 24 -column 4, line 8 column 5, line 1 -column 5, line 55 claim 1; figures 1-4 ----- -/-- | 1-11 |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

24 March 2004

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02/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | US 6 230 047 B1 (MCHUGH DAVID) 8 May 2001 (2001-05-08) cited in the application column 4, line 38 -column 7, line 11 ----- | 1-11 |

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Information on patent family members

Application No

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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| | | | CA 2197166 A1 14-08-1997 |
| | | | DE 69727328 D1 04-03-2004 |
| | | | EP 0790753 A1 20-08-1997 |
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| DE 861305 | C | 13-05-1954 | NONE |
| US 6173061 | B1 | 09-01-2001 | US 6611603 B1 26-08-2003 |
| US 6230047 | B1 | 08-05-2001 | NONE |